26.85/4 ATION (La)

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: A7302

Harry B. SMITH

Appln. No.: 09/453,526

Group Art Unit: 2685

Confirmation No.: 2759

Examiner: Tilahun GESESSE

Filed: December 03, 1999

For:

RECEIVING SYSTEM WITH IMPROVED DIRECTIVITY AND SIGNAL TO NOISE

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem, material to patentability of the claims of the above-identified application.

Serial No.	Applicant's Name	Filing Date
09/665,658	Harry B. Smith	September 20, 2000
60/154,781	Harry B. Smith	September 20, 1999
10/793,251	Harry B. Smith	March 5, 2004
10/964,707	Harry B. Smith	October 15, 2004

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 09/453,526

One copy of each of the listed documents is submitted herewith, except for the following:

U.S. patents and/or U.S. patent publications if this application was filed after June 30, 2003; and

co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed (without a Statement Under

37 C.F.R § 1.97(e)) after the later of three months from the application's filing date and the

mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of

Allowance, or an action that otherwise closes prosecution in the application (whichever is

earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: November 23, 2004

Registration No. 46,075

Kevin M. Barner

Attorney Docket No.: A7302

Substitute for Form 1449 A & B/PTO			Сотр	olete if Known	
		1PE	Application Number	09/453,526	
INFOR	MATION D	ISCLOSUR	(P\O)	Confirmation Number	2759
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(use as many sheets as necessary)			Agt Unit	2685	
			Agt Unit Examiner Name	Tilahun GESESSE	
Sheet	1	of 1	TRADE	Attorney Docket Number	A7302

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number		Publication Date	
		Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US 4,539,689			CHIU et al.
		US 4,238,746			McCOOL et al.
		US 5,724,395			GOLLA et al.
		US			
	-	US			

FOREIGN PATENT DOCUMENTS							
	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	Translation ⁶
	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	1 ranslation
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NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.				
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.